CLAIMS

[0051] What is claimed is:

- A method comprising:
 detecting during engagement of a first wireless communication signal a second wireless
 communication signal.
- 2. The method of claim 1, further comprising, upon detection of said second signal, selecting to engage either said first or second signals.
- 3. The method of claim 2, wherein selecting to engage comprises applying a criterion relating to a property of either or both said first and second signals.
- 4. The method of claim 2, wherein selecting to engage comprises comparing a property of the first signal to a corresponding property of the second signal.
- 5. The method of claim 2, wherein selecting to engage comprises comparing a property of the second signal to a threshold value.
- 6. The method of claim 2, wherein selecting to engage comprises: continuing to engage the first signal if a pre-defined criterion is met; and reverting to engage the second signal if the pre-defined criterion is not met.
- 7. The method of claim 2, comprising engaging the selected signal.
- 8. The method of claim 7, wherein engaging the selected signal comprises storing data in a buffer.
- 9. The method of claim 8, comprising resetting said buffer before storing data in said buffer.

wireless communication signal.

- 10. The method of claim 1, wherein detecting the second signal comprises substantially continuously searching for the second signal.
- An apparatus comprising:
 a detector to detect during engagement of a first wireless communication signal a second
- 12. The apparatus of claim 11, comprising a processor to select, upon detection of said second signal, to engage either said first or second signals.
- 13. The apparatus of claim 12, wherein the processor is able to apply a criterion relating to a property of either or both said first and second signals.
- 14. The apparatus of claim 12, wherein the processor is able to compare a property of the first signal to a corresponding property of the second signal.
- 15. The apparatus of claim 12, wherein the processor is able to compare a property of the second signal to a threshold value.
- 16. The apparatus of claim 12, wherein the processor is able to continue to engage the first signal if a pre-defined criterion is met, and to revert to engage the second signal if the pre-defined criterion is not met.
- 17. The apparatus of claim 12, wherein the processor is able to engage the selected signal.
- 18. The apparatus of claim 17, comprising a buffer to store the selected signal.
- 19. The apparatus of claim 18, wherein the processor is able to reset said buffer.
- 20. The apparatus of claim 11, comprising a detector to substantially continuously search for the second signal.

21. A wireless communication device comprising:

a dipole antenna to send and receive wireless communication signals; and

a detector to detect during engagement of a first wireless communication signal a second

wireless communication signal.

22. The wireless communication device of claim 21, wherein the wireless communication

device comprises a wireless modem.

23. The wireless communication device of claim 21, comprising a processor to select, upon

detection of said second signal, to engage either said first or second signals.

24. The wireless communication device of claim 21, comprising a detector to substantially

continuously search for the second signal.

25. The wireless communication device of claim 21, comprising a processor to apply a

criterion relating to a property of either or both said first and second signals.

26. The wireless communication device of claim 21, comprising a processor to continue to

engage the first signal if a pre-defined criterion is met, and to revert to engage the second

signal if the pre-defined criterion is not met.

27. The wireless communication device of claim 23, comprising a processor to engage the

selected signal.

28. A wireless communication system comprising:

a first access point to transmit a first signal;

a second access point to transmit a second signal;

a wireless communication device to engage the first signal and, while engaging the first

signal, detect the second signal.

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- 29. The wireless communication system of claim 28, wherein the wireless communication device comprises a processor to select, upon detection of said second signal, to engage either said first or second signals.
- 30. The wireless communication system of claim 28, wherein the wireless communication device comprises a detector to substantially continuously search for the second signal.
- 31. The wireless communication system of claim 28, wherein the wireless communication device comprises a processor to engage the selected signal.
- 32. A machine-readable medium having stored thereon a set of instructions that, if executed by a machine, cause the machine to perform a method comprising detecting during engagement of a first wireless communication signal a second wireless communication signal.
- 33. The machine-readable medium of claim 32, wherein the instructions result in, upon detection of said second signal, selecting to engage either said first or second signals.
- 34. The machine-readable medium of claim 33, wherein the instructions that result in selecting to engage result in applying a criterion relating to a property of either or both said first and second signals.
- 35. The machine-readable medium of claim 33, wherein the instructions that result in selecting to engage result in comparing a property of the first signal to a corresponding property of the second signal.
- 36. The machine-readable medium of claim 33, wherein the instructions that result in selecting to engage result in comparing a property of the second signal to a threshold value.
- 37. The machine-readable medium of claim 33, wherein the instructions that result in selecting to engage result in:

continuing to engage the first signal if a pre-defined criterion is met; and reverting to engage the second signal if the pre-defined criterion is not met.

- 38. The machine-readable medium of claim 31, wherein the instructions result in engaging the selected signal.
- 39. The machine-readable medium of claim 38, wherein the instructions that result in engaging the selected signal result in storing data in a buffer.
- 40. The machine-readable medium of claim 39, wherein the instructions result in resetting said buffer before storing data in said buffer.
- 41. The machine-readable medium of claim 31, wherein the instructions that result in detecting the second signal result in substantially continuously searching for the second signal.